



Arizona Interagency Radio System (AIRS) Narrowbanding Status

Presentation to SIEC

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Agenda



- Background
- Progress by Site
- AIRSAZ Status



Background

- The Department of Public Safety (DPS) last updated the SIEC on AIRS narrowbanding on October 19, 2010
- At that time, it was the intention to begin narrowbanding of AIRS in July 2011
- It was also reported that early tests had shown that narrowbanded LMRs and base stations can operate using wideband AIRS repeaters within tolerable limits of clarity and distance. Therefore, SIEC was informed there was no need to synchronize narrowbanding schedules between DPS and local/county agencies.





Progress by Site



Site	Regional PL(s)	Narrowband
Hualapai	AIRS 4	27-Jul
Willow Beach	AIRS 4	23-Jun
Christmas tree	AIRS 4	19-Jul
Black Metal	AIRS 3, AIRS 4	26-Jul
Black Rock	AIRS 4	not yet operational
Williams	AIRS 2	22-Jun
Elden	AIRS 2	20-Jul
Schnebly	AIRS 2	20-Jul
Navajo	AIRS 2	21-Jul
Jacob Lake	AIRS 2	no voter/mux
Long Mesa	AIRS 3	not yet operational
Antelope Mesa	AIRS 2	14-Jul
Holbrook	AIRS 4	19-Jul
Brookbank	AIRS 3, AIRS 2 (2chan mux mod)	14-Jul
Greens	AIRS 4 (Apache and Navajo Voter)	13-Jul
Roberts Ranch	AIRS 4	13-Jul
Piney Hill	AIRS 4	13-Jul
Juniper	AIRS 5, AIRS 2 (2chan mux mod)	4-Aug
Mingus	AIRS 5	6-Jul
Squaw Peak	AIRS 5	13-Jul
Black Canyon	AIRS 5	29-Jul
Towers	AIRS 1	12-Jul
White Tanks	AIRS 1	6-Jul
South Mtn	AIRS 1	5-Aug
Thompson	AIRS 1	
Oatman	Change from AIRS 3 to AIRS 1	8-Aug
Signal	AIRS 3	
Ord	AIRS 3	4-Aug
Heliograph	AIRS 5	6-Jul
Guthrie	AIRS 5	1-Jul
Mule	AIRS 5	1-Jul
Bernadino	AIRS 5	
Nogales	AIRS 4	3-Aug
Lemmon	AIRS 2	4-Aug
Keystone	AIRS 2	13-Jul
Childs	AIRS 2	8-Aug
Telegraph	AIRS 3	

Updated 8/9/2011

83%

Complete
Narrowbanded but not complete
Nothing done at this time



AIRSAZ Status

- Issues Presented by AIRS AZ

- Black Metal – AIRSAZ removed to support shared AIRS regions; AIRS2 and AIRS4 supported from a single tower
- Mohave – persistent interference issues across multiple towers
- Wallow & Monument fires - crosstalk issues

- Therefore, as each site has been touched, AIRSAZ has been disabled.





Questions; Discussion

Thank you!
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